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|               |                   | <u></u>   |   | 1 J 1101 Z001                              |  |  |  |  |  |  |
|---------------|-------------------|---|---|--|--|--|--|--|--|--|
| FORM<br>(REV) | PTO-13<br>1-2000) | 90-(Modified) U.S. DEPARTMENT   | OF COMMERCE PATENT AND TRADEMARK OFFICE       | ATTORNEY'S DOCKET NUMBER                   |  |  |  |  |  |  |
|               |                   | RANSMITTAL LETTER   | 8861-418US (P24477-02)                        |  |  |  |  |  |  |  |
|               |                   | DESIGNATED/ELECTI   | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR    |  |  |  |  |  |  |  |
|               |                   | CONCERNING A FILIN  | Not Y 1 Osign 0 0 9 3 5 6                     |  |  |  |  |  |  |  |
| INTE          | RNAT              | TIONAL APPLICATION NO   | INTERNATIONAL FILING DATE                     | PRIORITY DATE CLAIMED                      |  |  |  |  |  |  |
|               |                   | PCT/JP01/01889  | 09 March 2001                                 | 14 March 2000                              |  |  |  |  |  |  |
| TITL          | E OF I            | INVENTION   | ,   |  |  |  |  |  |  |  |
| Disk          | Driv              | ve and Control Method There   | efor  |  |  |  |  |  |  |  |
|               |                   | IT(S) FOR DO/EO/US  |   |  |  |  |  |  |  |  |
| AIII.         | ICAN              | 11(3) FOR DOIEO/03  |   |  |  |  |  |  |  |  |
| Ken           | ji Oŀ             | KADA  |   |  |  |  |  |  |  |  |
| Appl          | icant             | herewith submits to the United Sta  | tes Designated/Elected Office (DO/EO/US)      | the following items and other information: |  |  |  |  |  |  |
| 1.            | $\boxtimes$       |   |   | -  |  |  |  |  |  |  |
| 2.            |                   | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. |   |  |  |  |  |  |  |  |
| 3.            |                   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5),  |   |  |  |  |  |  |  |  |
|               |                   | (6), (9) and (24) indicated below.  |   |  |  |  |  |  |  |  |
| 4.            |                   | The US has been elected by the expiration of 19 months from the priority date (Article 31).   |   |  |  |  |  |  |  |  |
| 5.            | $\boxtimes$       | A copy of the International Appl  | ication as filed (35 U.S.C. 371 (c) (2))      |  |  |  |  |  |  |  |
|               |                   | a.  is attached hereto (requ  | ired only if not communicated by the Intern   | ational Bureau).                           |  |  |  |  |  |  |
|               |                   | b. 🛮 has been communicated  | d by the International Bureau.                |  |  |  |  |  |  |  |
|               |                   |   | pplication was filed in the United States Rec | , ,  |  |  |  |  |  |  |
| 6.            | $\boxtimes$       | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |  |  |
|               |                   | a. A is attached hereto. Cl   | 37 pages)                                     |  |  |  |  |  |  |  |
|               |                   | •   | bmitted under 35 U.S C. 154(d)(4)             |  |  |  |  |  |  |  |
| 7.            |                   |   | International Application under PCT Article   |  |  |  |  |  |  |  |
|               | ,                 | *   | uired only if not communicated by the Intern  | national Bureau).                          |  |  |  |  |  |  |
|               | ./                | b.  have been communicated by the International Bureau.   |   |  |  |  |  |  |  |  |
|               |                   |   | owever, the time limit for making such amend  | dments has NOT expired.                    |  |  |  |  |  |  |
|               |                   | d. have not been made and will not be made.   |   |  |  |  |  |  |  |  |
| 8.            |                   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |  |
| 9.<br>10.     | $\square$         | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (EXECUTED)  |   |  |  |  |  |  |  |  |
|               |                   | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                           |   |  |  |  |  |  |  |  |
| 11.           |                   | \$ copy of the International Preliminary Examination Report (PCT/IPEA/409).   |   |  |  |  |  |  |  |  |
| 12.           | $\boxtimes$       | A copy of the International Search  | ch Report (PCT/ISA/210).                      |  |  |  |  |  |  |  |
| It            | ems 1             | 3 to 20 below concern document  | t(s) or information included:                 |  |  |  |  |  |  |  |
| 13.           | $\boxtimes$       | An Information Disclosure State   | ement under 37 CFR 1.97 and 1.98.             |  |  |  |  |  |  |  |
| 14.           | $\boxtimes$       | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |  |  |  |  |  |  |  |
| 15.           | $\boxtimes$       | A FIRST preliminary amendment.  |   |  |  |  |  |  |  |  |
| 16.           |                   | A SECOND or SUBSEQUENT preliminary amendment.   |   |  |  |  |  |  |  |  |
| 17.           |                   | A substitute specification.   |   |  |  |  |  |  |  |  |
| 18.           |                   | A change of power of attorney and/or address letter.  |   |  |  |  |  |  |  |  |
| 19.           |                   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.   |   |  |  |  |  |  |  |  |
| 20.           |                   | A second copy of the published international application under 35 U.S C. 154(d)(4).   |   |  |  |  |  |  |  |  |
| 21.           |                   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |
| 22.           | $\boxtimes$       | Certificate of Mailing by Express Mail (EL399256635US)  |   |  |  |  |  |  |  |  |
| 23.           | $\boxtimes$       | Other items or information:   |   |  |  |  |  |  |  |  |
|               |                   | 31 Sheets of Formal Drawings  |   |  |  |  |  |  |  |  |
|               |                   |   |   |  |  |  |  |  |  |  |

| U.S. A  | PPLICATION  | NO (IF KNOWN, SEE 37-CFF)   | INTERNATIONAL APPLICATION NO PCT/JP01/01889 |                       |                     |        | ATTORNEY'S DOCKET NUMBER 8861-418US (P24477-02) |              |  |  |  |
|---|---|---|---|-----------------------|---------------------|--------|---|--------------|--|--|--|
|   |   | 221   | 101/310                                     | 170100                |                     | CA     |   | PTO USE ONLY |  |  |  |
| 24.<br>Rasio  |   | ollowing fees are submitted.  AL FEE ( 37 CFR 1.492 (a) (1) -   | CA  | LCODATIONS            | T TO GGE ONE!       |        |   |              |  |  |  |
|   | Neither interior  | ernational preliminary examination<br>al search fee (37 CFR 1.445(a)(2))<br>ational Search Report not prepared  | ,   |                       |                     |        |   |              |  |  |  |
| Ø   | Internation<br>USPTO bu   | al preluminary examination fee (37<br>t International Search Report prep  |   |                       |                     |        |   |              |  |  |  |
|   | Internation<br>but interna  | al preliminary examination fee (37 tional search fee (37 CFR 1.445(a)   |   |                       |                     |        |   |              |  |  |  |
|   | ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)   |   |   |                       |                     |        |   |              |  |  |  |
|   | Internation and all claim   | al preliminary examination fee (3 ms satisfied provisions of PCT Ai   | ·   |                       |                     |        |   |              |  |  |  |
|   |   | ENTER APPROPRI  |   | \$890.00              |                     |        |   |              |  |  |  |
| Surch:<br>month   | arge of \$130<br>s from the e   | .00 for furnishing the oath or decl<br>arliest claimed priority date (37 C  | FR 1.492 (e)).                              | 20                    |                     | $\bot$ | \$0.00  |              |  |  |  |
| CL  | AIMS  | NUMBER FILED  | NUMBER EXTR                                 | RA.                   | RATE<br>x \$18.00   | +-     | \$198.00  |              |  |  |  |
| Total   | claims  | 31 - 20 =   | 11  |                       |                     | +-     | \$588.00  |              |  |  |  |
|   | endent claim  |   |   |                       | x \$84.00           |        | \$0.00  |              |  |  |  |
| Multij  | ole Depende   | nt Claims (check if applicable).  | F ABOVE CALC                                | TIT AT                |                     |        | \$1,676.00                                      |              |  |  |  |
| į.  |   | TOTAL Of  | R 1 27) The fees indica                     | ted abov              | re are              | _      |   |              |  |  |  |
|   | educed by 1   | arms small entity status. See 37 CF<br>/2.  | TR 1.27). The fees indice                   |                       |                     | _      | \$0.00  |              |  |  |  |
|   |   |   |   | SUB                   | TOTAL =             |        | \$1,676.00                                      |              |  |  |  |
| Proce<br>month  | ssing fee of<br>as from the   | \$130.00 for furnishing the English earliest claimed priority date (37 C  |   | \$0.00                |                     |        |   |              |  |  |  |
| W   | 9   |   |   | \$1,676.00            |                     |        |   |              |  |  |  |
| Fee fo  | or recording  | the enclosed assignment (37 CFR in appropriate cover sheet (37 CFF  | ]   | \$0.00                |                     |        |   |              |  |  |  |
|   |   |   | =   | \$1,676.00            |                     |        |   |              |  |  |  |
| TOTAL FEES ENCL   |   |   |   |                       |                     | An     | nount to be:<br>refunded                        | \$           |  |  |  |
| u)  |   |   |   |                       |                     |        | charged   | \$           |  |  |  |
|   | <b>⊠</b> A  | check in the amount of \$1,6  | 76.00 to cover the a                        | bove fee              | es is enclosed.     |        |   |              |  |  |  |
| نامط<br>b.  | min to account the charge foor  |   |   |                       |                     |        |   |              |  |  |  |
| c.  | ⊠ m   | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment  |   |                       |                     |        |   |              |  |  |  |
| d.  | ☐ F   | to Deposit Account No. 50-1017 A duplicate copy of this sheet is enclosed.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card |   |                       |                     |        |   |              |  |  |  |
|   | information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR |   |   |                       |                     |        |   |              |  |  |  |
| 1.137   | (a) or (b)) 1   | must be filed and granted to rest   | ore the application to p                    | ending                | status.             | ,      | 1 1 1   | 1            |  |  |  |
| SENI  | SEND ALL CORRESPONDENCE TO:   |   |   |                       |                     |        |   |              |  |  |  |
|   | Leslie L. Kasten, Jr.  SIGNATURE  |   |   |                       |                     |        |   |              |  |  |  |
|   | n, Gump, S<br>Commerce  | trauss, Hauer & Feld, L.L.P.  |   | I DOLLD I MACTEN ID   |                     |        |   |              |  |  |  |
|   | d Floor   |   |   | LESLIE L. KASTEN, JR. |                     |        |   |              |  |  |  |
|   | Market S  |   |   | NAME                  |                     |        |   |              |  |  |  |
| Phil  | adelphia, P   | A 19103   |   | 28,959                |                     |        |   |              |  |  |  |
| Direct Dial: (215) 965-1290                               |   |   |   |                       | REGISTRATION NUMBER |        |   |              |  |  |  |
| Facsimile: (215) 965-1210<br>E-Mail: lkasten@akingump.com |   |   |   |                       | 11/13/01            |        |   |              |  |  |  |
| E-N   | lail: lkaster   | n@akingump.com  | DATE  | DATE                  |                     |        |   |              |  |  |  |
| f   |   |   | i   | 1                     |                     |        |   |              |  |  |  |